



Missouri Teacher Preparation Institution PROFILE

UNIVERSITY OF MISSOURI-ST. LOUIS

GENERAL INFORMATION

About the Institution

- UM-St. Louis, one of four campuses of the University of Missouri system, was founded in 1963 as a metropolitan land grant institution. It is located on a 250-acre suburban campus in northwest St. Louis County and has residence centers in St. Charles County and Jefferson County. UM-St. Louis has a curriculum of 43 undergraduate degree programs, 25 master's programs, 10 doctoral programs, one professional program, and 11 certificate programs. Of these programs, seven are pre-professional and six are intra-divisional.

Source: University of Missouri-St. Louis (<http://www.umsl.edu>)

- Enrollment* **15,594** (12,986 undergraduates)

African American	11.4%
American Indian	0.3%
Asian	2.8%
Hispanic	1.3%
White	77.9%
Other	6.4%

Missouri residents 94% (undergraduates)

Male	38.4%
Female	61.6%

*Fall 1999 Headcount

Source: 1999-2000 Statistical Summary of Missouri Higher Education (Tables 19a, 19b, 32a & 32b)

Transfer Students from Missouri Public Community Colleges* 780

*Fall 1998 degree-seeking undergraduate students

Source: 1998-1999 Statistical Summary of Missouri Higher Education (Tables 73a & 73b)

Bright Flight Scholarship Students¹ 193

Source: 1998-1999 Statistical Summary of Missouri Higher Education, July 1999 (Tables 18a & 18b)

Byrd Scholarship Students (Missouri residents)² 1

Source: Missouri Department of Elementary and Secondary Education

- Entrance Requirements

Selection of students for regular admission is based on high school class rank, performance on a standardized college aptitude test, and high school credits (at least 17 units are required). Freshman applicants must have their high school submit an official transcript showing course work, final class rank, and ACT or SAT scores.

Source: University of Missouri-St. Louis Web Site

- Average ACT Score of 1994 Freshmen Class*³ 22.8

*Fall 1994 degree-seeking, ACT-tested, first-time freshmen

Source: 1994-1995 Statistical Summary of Missouri Higher Education, Missouri Coordinating Board for Higher Education (Tables 1.1 & 1.2)

Compiled
by the
Missouri
Department of
Elementary
and Secondary
Education
August 2000

- Tuition & Fees, Typical Full-time Undergraduate Student*

<u>Missouri Resident</u>	<u>Non-resident</u>
\$4,796	\$12,710

*1999-2000 academic year

Source: 1999-2000 Statistical Summary of Missouri Higher Education

About the Education Program

- The College of Education is one of 10 academics units at UM-St. Louis. At the undergraduate level, the College of Education offers the bachelor of science in education degree. The college also has an extensive post-baccalaureate teacher certification program. At the graduate level, the college offers the master of education, doctor of education, and doctor of philosophy in education degrees.

Source: University of Missouri-St. Louis, August 2000

- Enrollment in Undergraduate Professional Education Programs* **1,483** (562 part-time)

American Indian	0.0%
Asian	3.0%
African American	14.1%
Hispanic	1.2%
White	76%
Other	0.0%
Nonresident Aliens	0.0%
Unknown	5.6%

Missouri residents **Not Reported**

Male	27.7%
Female	72.3%

*Fall 1998 Headcount (full-time students)

Source: Institution AACTE/NCATE Report, Oct. 1, 1999

Transfer Students from Missouri Public Community Colleges* 116 est.

*Fall 1999 degree-seeking undergraduate students

NOTE: The top five Missouri public community college "feeder" schools for UM-St. Louis are St. Louis Community Colleges (Meramec, Florissant Valley, Forest Park), St. Charles County Community College, and Jefferson College.
Source: University of Missouri-St. Louis, April 2000

Missouri Teacher Education Scholarship Students ⁴	2
Missouri Minority Teaching Scholarship Students ⁵	10

Source: Missouri Department of Elementary and Secondary Education

- Education Program Entrance Requirements

Prospective students must

1. submit qualifying scores on the C-BASE
2. score either 20 on the ACT composite or 800 on the SAT
3. complete 60 hours of college or university courses
4. accumulate a grade point average of 2.5 or better
5. complete EDUC 101 and ED FND 111 with a grade of C or better
6. receive screening tests in hearing and vision
7. agree to adhere to ethical codes that have particular pertinence during clinical experiences
8. agree to subscribe to a standard of pre-professional behavior that will enhance greater self-awareness
9. submitted a notarized Affidavit of Moral Character that includes a criminal check and child abuse/neglect screening

Source: University of Missouri-St. Louis 1998-99 Undergraduate, Graduate and Professional Catalog

- Information about Education Program Completers⁶

Recommended for initial Missouri certification in 1998

401

Age

Under 25	29%
25-34	52%
35-44	14%
45-54	4%
55 and over	0.47%

Source: Missouri Department of Elementary and Secondary Education

Average ACT score⁷ (for initial Missouri certification in 1998)

22.1

Source: ACT Inc. Research Services

C-BASE scores⁸

Passed all five subjects *first time*

Took Test	Passed all Subjects	English			Writing			Math			Science			Social St.		
		Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
280	199	238	444	323	259	432	323	235	479	328	235	464	316	235	475	320

Passed all five subjects, *one or more attempts* through December 1998

Took Test	Passed all Subjects	English (313)*			Writing (314)*			Math (314)*			Science (306)*			Social St. (303)*		
		Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
293	289	235	444	308	235	432	316	235	479	307	235	464	299	235	475	293

*state median score

Source: Assessment Resource Center

Employed in Missouri public schools⁹ in 1998-99*

243 (61%)

Missouri public school districts employing University of Missouri-St. Louis
1998 program completers **48**

Major employers of University of Missouri-St. Louis 1998 program completers

Kirkwood R-VII	4	Fox C-6	9
Maplewood Richmond Heights	4	Rockwood R-VI	9
Normandy	4	Wentzville R-IV	9
Ritenour	4	Ft. Zumwalt R-II	10
Hancock Place	5	Northwest R-I	11
Pattonville R-III	5	Ferguson Florissant R-II	12
Parkway C-2	6	Francis Howell R-III	14
St. Charles R-VI	6	Hazelwood	19
Mehlville R-IX	7	St. Louis City	20
St. Clair R-XIII	7	Special School Dist. of St. Louis Co.	44

*Does not include individuals employed in public schools in another state, employed in private schools in Missouri or another state, or who received their teaching credentials but were employed in another field or unemployed

Source: Missouri Department of Elementary and Secondary Education

RESOURCES

Institution

- Full-time Faculty at UMSL

501

Source: 1998-1999 Statistical Summary of Missouri Higher Education (Tables 44a & 44b)

Education Program

- Full-time Education Program Faculty 48
 - American Indian 1
 - Asian 1
 - African American 5
 - Hispanic 0
 - White 41
 - Nonresident Aliens 0
 - Other 0
 - Male 25
 - Female 23
 - Doctorate Degree 43
 - Missouri Teaching Certificate **Not Reported**
 - National Board Certification 0
- Adjunct Education Program Faculty 107
 - Full-time with the institution, part-time in education 18
 - Part-time in education 89

Source: Institution AACTE/NCATE Report, Oct. 1, 1999, & Missouri Addendum 2, Oct. 1999

EDUCATION PROCESSES

Institution

- Student-to-Faculty Ratio* **Not Reported**
 - Average Class Size* **Not Reported**
- *undergraduate program*

Education Program

- Student-to-Faculty Ratio **Not Reported**
- Average Class Size 25

Practical Experience Requirements for Education Majors

The foundations of teacher education are provided through education courses 101 and 213. These courses are required of all education students and are taken early in the program. Through the field experience provided by these courses, students receive exposure to diverse populations and different grade levels. The conceptual framework stresses teachers as lifelong, critical, and reflective learners and inculcates the practice of having candidates critique and reflect upon their teaching.

Elementary education, early childhood and special education student teaching is on a 7-1-7 structure. The experience is scheduled for seven weeks at one location and seven at another. The placements are in different socio-economic populations and grade levels. The candidates have one week between the two placements to continue updating their portfolios.

At the advanced levels, field experiences are developed on an individual basis, depending upon the experience of the candidate.

Source: Board of Examiners Report, NCATE, 1998

- **Professional Development School(s)**

Teacher preparation course work may be taken in a more traditional, campus-based program or through several school-based professional development school (PDS) sites. For those who choose the PDS options, a wide variety of courses may be taken at one or more partner schools. Classes at professional development schools feature smaller class size, authentic learning in schools, and the opportunity to work with practicing teachers and share responsibility for teaching and learning. Participants will be designated as “professional development school graduates” in formal citations from the dean of the School of Education and will have this noted in their placement papers.

Several PDS sites are in the development phase. Current UM-St. Louis partnerships include Parkway Central Middle School, Parkway School District; Chaney Elementary School, Maplewood-Richmond Heights School District; Pierre Laclède Elementary School, St. Louis School District; and River Bend Elementary School, Parkway School District. Goals of the model programs are to maximize student performance and achievement; provide professional development for beginning and experienced teachers and other school-based educators; apply inquiry designed to improve practice; provide simultaneous renewal of schools and teacher education; and incorporate the best available knowledge into programs and practices.

Source: University of Missouri-St. Louis Web Site

- **Co-curricular Programs**

The following programs offer additional learning opportunities for teacher education students: the Center for Human Origins and Cultural Diversity; GearUp (Gaining Early Awareness and Readiness for Undergraduate Programs); Missouri-Iowa Coop Grant; the Bridge Program; Access to Success; Regional Collaborative Institute for Tutorial Education; Empowering Young Women; Gateway Writing Institute; Regional Institute for Science Education; Leadership Academy for Character Education; Summer Internship with Scientists; Missouri Geography Alliance; Citizenship Education Clearing House; Girls, Inc.

- **Instructional Technology Requirements**

Preservice teachers are required to meet these minimum standards:

- create and edit documents in a word processing program
- attend an orientation to the Technology and Learning Center
- use technology to create educational materials and displays
- access educational web sites and integrate the material obtained into a lesson
- search for educational topics on the web
- place the artifacts for their portfolios in a digital format
- acquire the knowledge necessary to use any application of technology being used at a field-experience site

The university opened the Technology and Learning Center in April 2000 and expects to upgrade the standards as students and faculty spend increased time in the center.

Source: University of Missouri-St. Louis, April 2000

- **Accredited, NCATE (National Council for Accreditation of Teacher Education)**

Source: National Council for Accreditation of Teacher Education Web Site

PERFORMANCE

- Missouri certificates* issued in 1998 to UMSL education program completers, by subject area and grade level

Subject Area	Grade Level	Recommended for Certification
Business Education Except Shorthand	9-12	12
Early Childhood Education	PK-3	31
Elementary Education	1-6	235
English	9-12	29
French	K-12	2
French	K-9	2
General Science	5-9	9
Language Arts	5-9	5
Mathematics	5-9	11
Mathematics	9-12	12
Mild/Moderate: Behavior Disordered	K-12	23
Mild/Moderate: Learning Disabled	K-12	64
Mild/Moderate: Mentally Handicapped	K-12	13
Music – Instrumental	K-12	2
Music – Vocal	K-12	3
Physical Education	K-12	11
Physical Education	K-9	9
Social Science	5-9	21
Social Science	9-12	32
Spanish	K-12	4
Speech/Theatre	9-12	7
Unified Science: Biology	9-12	9
Unified Science: Chemistry	9-12	3
Unified Science: Physics	9-12	1
Total		550

*Number of certificates issued, not number of graduates

Source: Missouri Department of Elementary and Secondary Education

- Performance of Program Completers* on Praxis II Exit Exam¹⁰

	Total Examinees	Number Passing	Qualifying Score	Institutional Average	Missouri Average	National Median
Biology	8	8	480	660	690	690
Business Education	12	12	550	671	656	640
Chemistry	3	3	440	500	587	560
Early Childhood Education	28	28	500	691	663	660
Education in the Elementary School	132	132	520	637	631	630
English Language, Literature & Composition Content Knowledge	1	1	158	186	180	178
English Language & Literature	28	28	500	613	606	600
French	2	2	500	635	610	630
Mathematics	12	12	550	647	648	610
Mathematics: Content Knowledge	1	1	137	140	159	140
Music Education	4	4	510	640	632	620
Physical Education	19	19	530	639	633	630
Physics	1	1	440	560	580	550

Professional Knowledge	28	28	638	665	666	663
Social Studies	29	29	500	617	617	600
Social Studies: Content Knowledge	2	2	152	178	174	168
Spanish	3	3	490	530	592	580
Special Education	93	93	490	627	632	630
Speech Communication	5	5	530	652	667	670
Total	411	411				

*Individuals recommended for initial Missouri certification in 1998

Source: Educational Testing Service

- Follow-up on UMSL Program Completers

Education program completers who received initial Missouri certification in 1993

419

Employed in Missouri public schools in

1994-95	226 (54%)
1995-96	234 (56%)
1996-97	238 (57%)
1997-98	237 (57%)
1998-99	239 (57%)

Employed in Missouri public schools in 1998-99, with master's degree

67 (16%)

Employed in the same Missouri public school district in

1994-95	226 (54%)
1994-96	186 (44%)
1994-97	168 (40%)
1994-98	150 (36%)
1994-99	133 (32%)

Certification Status as of Sept. 1, 1999

Holding Valid PC I	27 (6%)
Holding Valid PC II	266 (63%)
Lapsed ¹¹	126 (30%)

Source: Missouri Department of Elementary and Secondary Education

Major Employers¹²

Missouri school districts employing UMSL graduates* **195**

University of Missouri-St. Louis had 6,551 graduates teaching in Missouri public schools during the 1998-99 school year.

School districts employing 6 percent or more of University of Missouri-St. Louis' 6,551 graduates teaching in Missouri public schools during the 1998-99 school year

Francis Howell R-III	6.5%	(427)
Hazelwood	7.0%	(458)
St. Louis City	9.5%	(620)
Special School District of St. Louis Co.	9.7%	(638)

School districts where UM-St. Louis graduates make up 25-49 percent of faculty

Afton	Kirkwood R-VII	Rockwood R-VI
Bayless	Maplewood Richmond Hts.	Special Sch. Dist. of St. Louis
Ferguson Florissant R-II	Mehlville R-IX	Co.
Fox C-6	Meramec Valley R-III	Spring Bluff R-XV
Francis Howell R-III	Northwest R-I	St. Charles
Ft. Zumwalt	Parkway	St. Louis Career Ed.
Hancock Place	Pattonville R-III	Strain-Japan R-XVI
Hazelwood	Ritenour	Valley Park
Jennings	Riverview Gardens	Wentzville R-IV

**Includes all graduates of UMSL teaching in the district, not just those who completed the education program
Source: Missouri Department of Elementary and Secondary Education*

STARR Teachers ¹³ 7

National Board Certified Teachers ¹⁴ 3

Missouri Teachers of the Year ¹⁵ 2

Source: Missouri Department of Elementary and Secondary Education

Other Honors and Awards Earned by Graduates

Students currently enrolled in the education program are recognized through programs such as Who's Who; the Student Activities Aware; College of Education Outstanding Seniors; Kappa Delta Pi Honor Society; Phi Kappa Phi Honor Society. In addition, there are 16 campus awards dedicated for College of Education undergraduate and graduate students.

Source: University of Missouri-St. Louis, April 2000